

Abstract:

This patent provides a kind of chelator compound of heavy metals containing chitosan (CTS) derivatives, which contains the following contents:

Components	Content WT%
Containing at least one dithio-formate (dithiocarbamate) CTS derivatives	1-100
Containing at least one dithio-formate (dithiocarbamate) polyamine derivatives	0-99

This chelator compound of heavy metals is suitable for the treatment of the wastewater, waste mud, and garbage burned ash that contains heavy metals, or the soil polluted by heavy metal ions.